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**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q68281

Hui ZHONG, et al.

Appln. No.: 10/049,270

Group Art Unit: 2811

Confirmation No.: 9445

Examiner: Tuan T. Dinh

Filed: February 11, 2002

For: MULTILAYERED PRINTED CIRCUIT BOARD, SOLDER RESIST COMPOSITION,  
MULTILAYERED PRINTED CIRCUIT BOARD MANUFACTURING METHOD, AND  
SEMICONDUCTOR DEVICE

**STATEMENT OF SUBSTANCE OF INTERVIEW FOR THE INTERVIEWS OF  
MARCH 3, 2005 AND MARCH 24, 2005**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Please review and enter the following remarks summarizing the interviews conducted on  
March 3, 2005, and March 24, 2005.

**Applicants submit that since the below-summarized discussions were Examiner  
initiated, the period of Patent Term Adjustment should not be reduced because at no time  
did Applicants fail to engage in reasonable efforts to conclude prosecution of the  
application. See 37 C.F.R. § 1.704(c)(10).**

**REMARKS**

The Examiner's Interview Summary Record (Form PTO-413A) for the Examiner-  
initiated Interview of March 3, 2005, was attached with the Notice of Allowance dated March

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15, 2005, and the Examiner's Interview Summary Record (Form PTO-413B) for the Interview of March 24, 2005, was mailed by the USPTO on April 7, 2005.

The Interview of March 3, 2005, was initiated by the Examiner. The Interview of March 24, 2005, was necessary to correct discrepancies in the Examiner's Interview Summary Record mailed March 15, 2005. No further recordation by the Applicant is believed to be required.

During the interview of March 3, 2005, the following was discussed:

1. Brief description of exhibits or demonstration: None.
2. Identification of claims discussed: Claims 31 and 33.
3. Identification of art discussed: None.
4. Identification of principal proposed amendments:

The Examiner proposed the following amendments:

In claim 31, line 6, delete "P atom containing epoxy resins" and replace with --P atom containing epoxy resin-- and, at line 7, delete "both terminals" and replace with "of the P atom containing epoxy resin--.

In claim 33, line 7, delete "acid residue in one terminal and an epoxy group in the other terminal" and replace with --acid residue in one terminal of the P atom containing epoxy resin and an epoxy group in the other terminal of the P atom containing epoxy resin--.

5. Brief Identification of principal arguments: No arguments were presented.
6. Indication of other pertinent matters discussed: The Examiner sought clarification on the term "terminal" in claims 31 and 33. It was explained by Applicants' attorney that

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“terminal” as it is understood by one skilled in the relevant art, means the end group of the P-atom containing epoxy resin. *See, e.g., Polymer Chemistry: An Introduction*, Malcom P. Stevens, Oxford University Press, 2d ed. (1990), page 8.

7. Results of Interview: Applicants agreed to authorize the Examiner to amend claims 31 and 33 in the manner proposed by the Examiner.

During the interview of March 24, 2005, Applicants sought to resolve issues regarding the Examiner’s description of the substance of the interview in the Examiner’s Interview Summary Record (Form PTO-413A) of March 15, 2005.

In the Examiner’s Interview Summary Record (Form PTO-413A), the Examiner stated that Mr. Patrick Gallagher defined the term “terminal” as the “bond” of the P atom-containing epoxy resin. However, this statement by the Examiner is not an accurate summary of the substance of the interview. Thus, in the Interview of March 24, 2005, Applicants reasserted that the term “terminal” as it is understood by one skilled in the relevant art, means the end group of the P-atom containing epoxy resin. *See, e.g., Polymer Chemistry: An Introduction*, page 8. After the discussion, the Examiner agreed with Applicants’ definition of the term “terminal.”

No claim rejections or amendments were discussed in the Interview of March 24, 2005, since the application has been indicated as allowed.

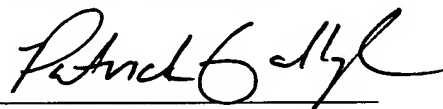
It is respectfully submitted that the instant STATEMENT OF SUBSTANCE OF INTERVIEW complies with the requirements of 37 C.F.R. §§1.2 and 1.133 and MPEP §713.04 for the Interview of March 3, 2005, and the Interview of March 24, 2005.

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**Applicants submit that since the above-summarized discussions were Examiner initiated, the period of Patent Term Adjustment should not be reduced because at no time did Applicants fail to engage in reasonable efforts to conclude prosecution of the application. See 37 C.F.R. § 1.704(c)(10).**

**Additionally, it is believed that no petition or fee is required.** However, if the USPTO deems otherwise, Applicant hereby petitions for any extension of time which may be required to maintain the pendency of this case, and any required fee, except for the Issue Fee, for such extension is to be charged to Deposit Account No. 19-4880.

Respectfully submitted,



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WASHINGTON OFFICE

**23373**

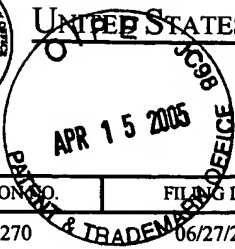
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Date: April 15, 2005



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/049,270	06/27/2002	Hui Zhong	Q68281	9445

23373 7590 04/07/2005

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EXAMINER

DINH, TUAN T

ART UNIT PAPER NUMBER

2841

DATE MAILED: 04/07/2005

**DOCKETED**

APR 11 2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Examiner-Initiated Interview Summary**

Application No.

10/049,270

Applicant(s)

ZHONG ET AL.

Examiner

Tuan T. Dinh

Art Unit

2841

**All Participants:**(1) Tuan T. Dinh.

(2) \_\_\_\_\_

**Status of Application:** 10/049,270(3) Patrick Gallagher.

(4) \_\_\_\_\_

**Date of Interview:** 24 March 2005**Time:** \_\_\_\_\_**Type of Interview:**

- ☒ Telephonic  
☐ Video Conference  
☐ Personal (Copy given to: ☐ Applicant ☐ Applicant's representative)

Exhibit Shown or Demonstrated: ☐ Yes ☐ No

If Yes, provide a brief description: *Mr. Gallagher is researched a definition of a term "terminal" that is "end groups", page 8 of Polymer Chemistry: An Introduction, Malcom P. Stevens, Oxford University Press, 2d ed. (1990, and he believes that one skill in the art the term "terminal" means of "end groups" instead of bond).*

**Part I.**

Rejection(s) discussed:

Claims discussed:

Prior art documents discussed:

**Part II.**

SUBSTANCE OF INTERVIEW DESCRIBING THE GENERAL NATURE OF WHAT WAS DISCUSSED:

**Part III.**

- ☐ It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview directly resulted in the allowance of the application. The examiner will provide a written summary of the substance of the interview in the Notice of Allowability.
- ☐ It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview did not result in resolution of all issues. A brief summary by the examiner appears in Part II above.

(Examiner/SPE Signature)

(Applicant/Applicant's Representative Signature – if appropriate)